

## **EXHIBIT 4**



LANDFILL TECHNOLOGIES OF ARECIBO, LLC

**Semi-Annual Report  
Shutdown and Malfunction Report  
Arecibo Municipal Solid Waste Landfill**

January to June 2018

Prepared by:  
Landfill Technologies of Arecibo, LLC

**Landfill Technologies of Arecibo, LLC**  
**Shutdown and Malfunction Report**  
January to June 2018  
Arecibo Municipal Solid Waste Landfill

Shutdown Date	Shutdown	Description	Corrective Action
1/4/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
1/18/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
1/22/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
1/26/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
1/26/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
2/2/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
2/3/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
2/6/2018	High Temperature	Thermocouple damaged	The thermocouple was replaced and the system was restarted and was kept on operation throughout the day as expected.
2/13/2018	High Temperature	Thermocouple damaged	The thermocouple was replaced and the system was restarted and was kept on operation throughout the day as expected.
2/16/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
2/26/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
2/27/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
3/3/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
3/8/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
4/11/2018	No Alarma	Header pipe broke	The header pipe was repaired and the system was restarted and was kept on operation throughout the day as expected.
4/13/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
4/20/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
4/21/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
4/26/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/1/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/2/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/5/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.

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5/9/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/9/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/10/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/11/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/12/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/15/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/15/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/16/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/17/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
5/18/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
6/1/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
6/11/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
6/27/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.

## **EXHIBIT 5**



LANDFILL TECHNOLOGIES OF ARECIBO, LLC

**Semi-Annual Report  
Shutdown and Malfunction Report  
Arecibo Municipal Solid Waste Landfill**

July to December 2018

Prepared by:  
Landfill Technologies of Arecibo, LLC

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Shutdown Date	Shutdown	Description	Corrective Action
7/3/2018	Flare Fault	Repair of header pipe	The reparation of the header pipe was completed and the system was restarted and was kept on operation throughout the day as expected.
7/6/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
7/13/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
7/14/2018	Flare Fault	Lateral Pipe broke	The pipe was repaired and the system was restarted and was kept on operation throughout the day as expected.
7/19/2018	Flare Fault	Lateral Pipe broke	The pipe was repaired and the system was restarted and was kept on operation throughout the day as expected.
7/20/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
8/10/2018	E-Stop	Disconnection of header pipe 8"	The connection was re-established and the system was restarted and was kept on operation throughout the day as expected.
8/11/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
8/16/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
8/18/2018	E-Stop	Repair of 8 in. pipe	The reparation of the header pipe was completed and the system was restarted and was kept on operation throughout the day as expected.
8/28/2018	Flare Fault	Disconnection of header pipe 8"	The connection was re-established and the system was restarted and was kept on operation throughout the day as expected.
8/29/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
9/4/2018	Flare Fault	Replace of pipe.	The pipe was replaced and the system was restarted and was kept on operation throughout the day as expected.
9/6/2018	Flare Fault	Header pipe line broke	The header pipe line was repaired and the system was restarted and was kept on operation throughout the day as expected.
9/14/2018	Flare Temperature High	Thermocouple damaged	The thermocouple was replaced and the system was restarted and was kept on operation throughout the day as expected.
9/21/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/1/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/4/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/6/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/12/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/13/2018	Flare low pressure	Fall of air to the condensate pump	The air pipe was verified and re-established. The system was restarted and was kept on operation throughout the day as expected.
10/16/2018	E-Stop	Verification of condensate pump.	The system was restarted and was kept on operation throughout the day as expected.

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10/20/2018	E-Stop	Repair of lateral pipe line of 6 Inches.	The reparation of the pipe line was completed and the system was restarted and was kept on operation throughout the day as expected.
10/22/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/23/2018	Shutdown	The shutdown was due to a regular maintenance.	The maintenance was completed and the system was restarted and was kept on operation throughout the day as expected.
10/25/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
10/26/2018	Shutdown	The shutdown was due to a regular maintenance.	The maintenance was completed and the system was restarted and was kept on operation throughout the day as expected.
11/5/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
11/7/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
11/14/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
11/19/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
11/21/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
12/3/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
12/6/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
12/12/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
12/18/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.
12/27/2018	Flare Fault	This was caused by power failure of electricity.	The energy was re-established and the system was restarted and was kept on operation throughout the day as expected.